

## UNIVERSITAS BINA NUSANTARA

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School of Business Management  
Skripsi Sarjana Ekonomi  
Semester Genap 2014/2015

### **PERENCANAAN BAHAN BAKU PERAKITAN GENSET DENGAN METODE *MATERIAL REQUIREMENT PLANNING* PADA PT. PRIMA MARKET JAYA ABADI**

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#### **Abstrak**

Tujuan dari penelitian ini untuk melakukan perhitungan perencanaan bahan baku yang paling tepat pada PT. Prima Market Jaya Abadi dengan menggunakan metode *Material Requirement Planning*. Pada penelitian ini perhitungan *Material Requirement Planning* menggunakan pendekatan *Lot for Lot*, *Material Requirement Planning* pendekatan *Economic Order Quantity*, dan *Material Requirement Planning* pendekatan *Fixed Period Requirements*. Hasil dari penelitian ini dengan pendekatan *Lot for Lot* sebesar Rp. 2.111.000, Pendekatan *Economic Order Quantity* sebesar Rp. 2.173.719, pendekatan *Fixed Period Requirements* sebesar Rp. 2.096.400, maka dapat disimpulkan bahwa perhitungan perencanaan bahan baku yang paling optimal adalah pendekatan *Fixed Period Requirements*.

**Kata Kunci:** *Lot for Lot, Economic Order Quantity, Fixed Period Requirements.*

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***RAW MATERIAL PLANNING OF GENERATOR SET ASSEMBLY USING  
MATERIAL REQUIREMENT PLANNING AT PT. PRIMA MARKET JAYA  
ABADI***

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**Abstract**

*The purpose of this study was to perform the most appropriate raw materials planning calculations at PT. Market Prima Jaya Abadi using Material Requirement Planning. In this study, the calculation of Material Requirement Planning used are Lot Lot approach, Economic Order Quantity approach, and Fixed Period Requirements approaches. Results from this research is that Lot for Lot approach cost Rp. 2,111,000, Economic Order Quantity approach cost Rp. 2,173,719, and Fixed Period Requirements approach cost Rp. 2.0964 million, so it can be concluded that the calculation of the raw material planning is the most optimal is the Fixed Period Requirements approach.*

**Keywords:** *Lot for Lot, Economic Order Quantity, Fixed Period Requirements.*